Respectfully submitted,

SEUNG U. KIM

Date: March 14, 2002

By: David Prashker

P.O. Box 5387
Magnolia, Massachusetts 01930
Tel.: (978) 525-3794

David Prashker
Reg. No. 29,693
Attorney for applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Seung U. Kim
Serial No.	: 09/887,145
Filed	: June 22, 2001
For	: "IMORTALIZED HUMAN MICROGLIA CELL AND CONTINUOUS CELL LINE"
Examiner	: unknown
Group Art Unit	: unknown
Attorney's Docket No .	: UBC-002

****

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commission for Patents, Washington, D.C. 20231
on: _____

Attorney for applicant: _____

Signature: _____

Date: _____

****

MARKED UP VERSION OF AMENDED SPECIFICATION SUBMITTED
PURSUANT TO 37 C.F.R.1.121(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant, in fulfillment of and in accordance with the requirements of 37 C.R.F. 121(b)(iii), hereby submits a marked up version of the instant

amendments to the Specification via marked-up replacement paragraphs, these Specification amendments being directed to paragraphs at:

Page 27, lines 6-43; and

Page 28, lines 6-43.

Respectfully submitted,

SEUNG U. KIM

March 4, 2002

By: _____

David Prashker
Registration No. 29,693
Attorney for applicant
P.O. Box 5387
Magnolia, Massachusetts
Tel.: (978) 525-3794

Table E1: Sequences of PCR Primers

Gene	Sequence	Product Size (bp)
CD68 sense	AGATTCGAGTCATGTACACAACCCA [SEQ ID NO:1]	279
CD68 antisense	GGTGCTTGGAGATCTCGAAG [SEQ ID NO:2]	
$P_{2Y1}R$ sense	TGTGGTGTACCCCCTCAAGTCCC [SEQ ID NO:3]	260
$P_{2Y1}R$ antisense	ATCCGTAACAGCCCAGAATCAGCA [SEQ ID NO:4]	
$P_{2Y2}R$ sense	CCAGGCCCCCGTGCTCTACTTTG [SEQ ID NO:5]	367
$P_{2Y2}R$ antisense	CATGTTGATGGCGTTGAGGGTGTG [SEQ ID NO:6]	
CXCR4 sense	TTCTACCCCAATGACTTGTG [SEQ ID NO:7]	206
CXCR4 antisense	ATGTAGTAAGGCAGCCAACA [SEQ ID NO:8]	
MIP-1α sense	ACCATGGCTCTCTGCAACCA [SEQ ID NO:9]	393
MIP-1α antisense	TTAAGAAGAGTCCCACAGTG [SEQ IDNO:10]	
MIP-1β sense	CCTGCTGCTTTTCTTACACC [SEQ ID NO:11]	336
MIP-1β antisense	CACCTAATACAATAACACGGC [SEQ ID NO:12]	
MCP-1 sense	ATAGCAGCCACCTTCATTCC [SEQ ID NO:13]	466
MCP-1 antisense	TTCCCCAAGTCTCTGTATCT [SEQ ID NO:14]	
IL-1β sense	AAAAGCTTGGTGATGTCTGG [SEQ ID NO:15]	179
IL-1β antisense	TTTCAACACGCAGGACAGG [SEQ ID NO:16]	
IL-2 sense	ATGGTTGCTGTCTCATCAGC [SEQ ID NO:17]	301
IL-2 antisense	CTGGAGCATTTACTGCTGGA [SEQ ID NO:18]	
IL-3 sense	ATGAGCCGCCTGCCCGTCCTG [SEQ ID NO:19]	459
IL-3 antisense	AAGATCGCGAGGCTCAAAGTCGTCTGTTG [SEQ ID NO:20]	
IL-4 sense	GACACAAGTGCAATATCACC [SEQ ID NO:21]	337
IL-4 antisense	AAGTTTTCCAACGTACTCTG [SEQ ID NO:22]	
IL-5 sense	GAGGATGCTTCTGCATTTGAGTTTG [SEQ ID NO:23]	295
IL-5 antisense	GTCAATGTATTTCTTTATTAAGGACAAG [SEQ ID NO:24]	
IL-6 sense	GTGTGAAAGCAGCAAAGAGGC [SEQ ID NO:25]	159
IL-6 antisense	CTGGAGGTACTCTAGGTATAC [SEQ ID NO:26]	

Table E1: Sequences of PCR Primers (continued)

Gene	Sequence	Product Size (bp)
IL-7 sense	TGTTGAACTGCACTGGCCAG [SEQ ID NO:27]	484
IL-7 antisense	GCAACTGATACCTTACATGG [SEQ ID NO:28]	
IL-8 sense	ATGACTTCCAAGCTGGCCGTG [SEQ ID NO:29]	301
IL-8 antisense	TATGAATTCTCAGCCCTCTTCAAAA [SEQ ID NO:30]	
IL-9 sense	ATGCTTCTGGCCATGGTCCT [SEQ ID NO:31]	375
IL-9 antisense	TATCTTGCCTCTCATCCCTC [SEQ ID NO:32]	
IL-10 sense	AGATCTCCGAGATGCCTTCAGCAGA [SEQ ID NO:33]	194
IL-10 antisense	CCTTGATGTCTGGGTCTTGGTTCTC [SEQ ID NO:34]	
IL-11 sense	ACTGCTGCTGCTGAAGACTCGGCTGTGA [SEQ ID NO:35]	295
IL-11 antisense	ATGGGGAAGAGCCAGGGCAGAAGTCTGT [SEQ ID NO:36]	
IL-12 sense	TCACAAAGGAGGCGAGGTTCTAAGC [SEQ ID NO:37]	213
IL-12 antisense	CCTCTGCTGCTTTTGACACTGAATG [SEQ ID NO:38]	
IL-13 sense	ACCCAGAACCAGAAGGCTCCG [SEQ ID NO:39]	198
IL-13 antisense	TCAGTTGAACCGTCCCTGGCG [SEQ ID NO:40]	
IL-15 sense	AAACCCCCTGCCATAGCCAACTCTT [SEQ ID NO:41]	202
IL-15 antisense	CTTCTGTTTTAGGGAGCCCTGCACT [SEQ ID NO:42]	
TNF-α sense	CAAAGTAGACCTGCCCAGAC [SEQ ID NO:43]	490
TNF-α antisense	GACCTCTCTCTAATCAGCCC [SEQ ID NO:44]	
NF-M sense	TGGGAAATGGCTCGTCATTT [SEQ ID NO:45]	333
NF-M antisense	CTTCATGGAAGCGGCCAATT [SEQ ID NO:46]	
MBP sense	ACACGGGCATCCTTGACTCCATCGG [SEQ ID NO:47]	510
MBP antisense	TCCGGAACCAGGTGGGTTTTCAGCG [SEQ ID NO:48]	
GFAP sense	GCAGAGATGATGGAGCTCAATGACC [SEQ ID NO:49]	266
GFAP antisense	GTTTCATCCTGGAGCTTCTGCCTCA [SEQ ID NO:50]	
B7-2 sense	CTCTTTGTGATGGCCTTCCTG [SEQ ID NO:51]	464
B7-2 antisense	CTTAGGTTCTGGGTAACCGTG [SEQ ID NO:52]	